



Capital Improvement Program
FY2011 thru FY2015
Project Request Form

Project Title: RRF AND MRF CLOSURE AND MONITORING

Project Priority: Priority 1

Project Code: PWRRFCLS

Project Type: NEW

Department: 910142

Status: Active

Start Date (FYE): 2010

Completion Date (FYE): ongoing

Description:

A. Quarterly monitoring and testing - \$50,000 annually
B. Remove raw MSW from tipping floor - \$100,000
Remove recyclables from MRF - \$50,000
Remove wastewater - \$20,000
Equipment decommission and clean up - \$1,000,000

Explanation:

DEQ required program for closure plan

Alternative:

Justifications:

- ☒ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000
Land								
Construction								
Equipment								
Other Expenses							\$1,170,000	\$1,170,000
Total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$1,170,000	\$1,420,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$1,170,000	\$1,420,000
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$1,170,000	\$1,420,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: Rockingham Co Landfill closure and post monitoring program

Project Priority: Priority 1

Project Code: PWSLRBG2

Project Type: ADDITION

Department: 910142

Status: Active

Start Date (FYE): 2010

Completion Date (FYE): ongoing

Description:

Harrisonburgs per capital portion for capital cost in the closure & post management plan as requested by Department of Environment. Quality Regulations. Currently city share approx. 14.04% WITH 4% annual inflation.

\$80,000 Monitoring costs City portion \$12,000

Explanation:

DEQ regulations require program for future closure of landfill. Current estimate 1.2 million 30 year program

Alternative:

Justifications:

- ☒ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction	\$134,000	\$266,510	\$277,171	\$277,171				\$954,852
Equipment		\$82,000	\$85,000	\$85,000			\$1,750,000	\$2,002,000
Other Expenses								
Total	\$134,000	\$348,510	\$362,171	\$362,171			\$1,750,000	\$2,956,852
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue		\$48,791	\$50,703	\$50,703			\$175,000	\$325,197
Enterprise Revenue	\$134,000							\$134,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue		\$299,719	\$311,468	\$311,468			\$1,575,000	\$2,497,655
Total	\$134,000	\$348,510	\$362,171	\$362,171			\$1,750,000	\$2,956,852
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: RRF BUILDING UPGRADE

Project Priority: Priority 3

Project Code: PWSSPBG1

Project Type: REPLACEMENT

Start Date (FYE): 2011

Department: 910142

Status: Active

Completion Date (FYE): ongoing

Description:

Sand/blast, paint interior and exterior, replace roof, electrical upgrade on the waste to energy side of plant.

Explanation:

Rehabilitation of building structure for waste to energy plant. Building upgrade February 2004. Main structure built 1984 - funds to paint and repair roof every 5 years to protect equipment and enhance life of building.

Alternative:

Perform general maintenance, risk deterioration of building structure.

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction		\$60,000	\$60,000	\$60,000	\$60,000		\$60,000	\$300,000
Equipment		\$40,000	\$40,000	\$40,000	\$40,000		\$40,000	\$200,000
Other Expenses								
Total		\$100,000	\$100,000	\$100,000	\$100,000		\$100,000	\$500,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue		\$100,000	\$100,000	\$100,000	\$100,000		\$100,000	\$500,000
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$100,000	\$100,000	\$100,000	\$100,000		\$100,000	\$500,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: CENTRAL BUSINESS DISTRICT REFUSE COLLECTION

Project Priority: Priority 2

Project Code: PWCBDT

Project Type: REPLACEMENT

Department: 922041

Status: Active

Start Date (FYE): 2011

Completion Date (FYE): ongoing

Description:

Expansion and improvements for Central Business District (Zoned B1) Refuse Collection. Improve downtown collection program by utilizing 100 gallon roll carts to promote uniformity and ensure a cleaner downtown Harrisonburg.

Explanation:

1. 100 gal trash cans (approx. 100 @ \$200.00 ea.) = \$20,000
2. Two Cart dumpers affixed onto rear load trucks = \$200,000
3. Two additional laborers for approx. 64 days (weekends and holidays) = \$26,000

Alternative:

Privatize downtown refuse collection. Require all businesses in downtown area (Zoned B1) to complete a Solid Waste Management Plan.

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☒ Improves service
- ☒ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment		\$400,000	\$100,000	\$15,000	\$15,000	\$15,000	\$15,000	\$560,000
Other Expenses		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Total		\$450,000	\$150,000	\$65,000	\$65,000	\$65,000	\$65,000	\$860,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue		\$450,000						\$450,000
Enterprise Revenue			\$150,000	\$65,000	\$65,000	\$65,000	\$65,000	\$410,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$450,000	\$150,000	\$65,000	\$65,000	\$65,000	\$65,000	\$860,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: REFUSE COLLECTION TRUCK REPLACEMENT

Project Priority: Priority 3

Project Code: PWSSWE1

Project Type: NEW

Department: 922041

Status: Active

Start Date (FYE): 2010

Completion Date (FYE): 2015

Description:

Replacement program for refuse collection trucks
303 03 FL 2010 304 03 FL 2010
312 05 FL 2012 306 06 FL 2013
310 08 INT 2014 307 08 INT 2014
303 08 Int 2013

Explanation:

Replacement units to avoid high cost of rebuilding packer units and transmissions. Expected life of unit 5 - 8 yrs.

Additional trucks needed for refuse and cardboard recycling collection due to city population growth and increased recycling participation due to ordinance enforcement 07-08.

Alternative:

Privatize

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment	\$351,000	\$250,000	\$125,000	\$135,000	\$140,000	\$140,000		\$1,141,000
Other Expenses								
Total	\$351,000	\$250,000	\$125,000	\$135,000	\$140,000	\$140,000		\$1,141,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue	\$351,000	\$250,000	\$125,000	\$135,000	\$140,000	\$140,000		\$1,141,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total	\$351,000	\$250,000	\$125,000	\$135,000	\$140,000	\$140,000		\$1,141,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2011 thru FY2015
Project Request Form

Project Title: LANDFILL CAPITAL IMPROVEMENT ROCKINGHAM AGREEMENT 932042

Project Priority: Priority 1

Project Code: PWSLRBG1

Project Type: ADDITION

Start Date (FYE): 1996

Department: 932042

Status: Active

Completion Date (FYE): ongoing

Description:

Harrisonburg's per capita portion for capital cost with the county landfill per agreement effective 6/29/94. Current City share approx. 37.8%

Explanation:

Dept of Environ Quality Regul require program for cell development per regulations VR-672-29-1 City has agreed to participate in the cost of the County operation. Includes equipment costs but does not include closure and post closure maintenance.

Alternative:

1. City put in new landfill or start transporting refuse to other landfills.

2. City reduces cost by developing C&D landfill and Transfer Station PW Project # PWSTSF

Justifications:

- ☒ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning			\$160,000					\$160,000
Land		\$1,000,000						\$1,000,000
Construction	\$1,351,130	\$500,000	\$200,000		\$1,900,000	\$1,900,000	\$5,000,000	\$10,851,130
Equipment		\$100,000		\$100,000				\$200,000
Other Expenses								
Total	\$1,351,130	\$1,600,000	\$360,000	\$100,000	\$1,900,000	\$1,900,000	\$5,000,000	\$12,211,130
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue	\$1,351,130	\$100,000		\$100,000				\$1,551,130
Enterprise Revenue								
Bond Proceeds		\$1,500,000	\$360,000		\$1,900,000	\$1,900,000	\$5,000,000	\$10,660,000
Grants								
Capital Project Fund								
Other Revenue								
Total	\$1,351,130	\$1,600,000	\$360,000	\$100,000	\$1,900,000	\$1,900,000	\$5,000,000	\$12,211,130
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating			\$119,509	\$148,191	\$148,191	\$299,568	\$8,432,306	\$9,147,765
Capital								
Offsets								
Total			\$119,509	\$148,191	\$148,191	\$299,568	\$8,432,306	\$9,147,765



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: MATERIAL RECOVERY FACILITY

Project Priority: Priority 3

Project Code: PWSWMPC1

Department: 932042

Project Type: NEW

Status: Active

Start Date (FYE): 2011

Completion Date (FYE): 2011

Description:

MRF at Beery Road

Explanation:

Build sorting center and transfer station. This is for taking out the recyclable products and unsuitable waste in landfill and RRP. To extend the life of the landfill and lessen environmental issues. Make RRP fuel cleaner for better efficiency and capacity, remove metals from ash and improve air quality. After completion of upgrades on incinerators, this will extend the life of the units by having to burn such an abrasive fuel.

Alternative:

1. Maintain existing recycling system at present level realizing landfill fuel will not be reduced and the potential for burning unsuitable material still exists at the RRF
2. Privatize

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☒ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning		\$1,000,000						\$1,000,000
Land								
Construction		\$9,000,000						\$9,000,000
Equipment								
Other Expenses								
Total		\$10,000,000						\$10,000,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue								
Bond Proceeds		\$10,000,000						\$10,000,000
Grants								
Capital Project Fund								
Other Revenue								
Total		\$10,000,000						\$10,000,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating			\$796,725	\$796,725	\$796,725	\$796,725	\$12,747,593	\$15,934,493
Capital								
Offsets								
Total			\$796,725	\$796,725	\$796,725	\$796,725	\$12,747,593	\$15,934,493



**Capital Improvement Program
FY2011 thru FY2015
Project Request Form**

Project Title: RECYCLING TRUCK REPLACEMENT
Project Priority: Priority 3
Project Code: PWSRCE1 **Project Type:** REPLACEMENT
Department: 952042 **Status:** Active **Start Date (FYE):** 2011
Completion Date (FYE): beyond

Description:

Replacement schedule for recycling collection vehicles
 325 04 GMC 2010
 319 99 BERING 2013 326 99 BERING BEYOND
 317 00 BERING 2009

Explanation:

Replacement to avoid high cost of repairs and ensure continued service.

Alternative:

Stop recycling service
 Develop new solid waste management plan along with Materials Recovery Facility.
 Privatize

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment		\$60,000			\$70,000		\$70,000	\$200,000
Other Expenses								
Total		\$60,000			\$70,000		\$70,000	\$200,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue		\$60,000			\$70,000		\$70,000	\$200,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$60,000			\$70,000		\$70,000	\$200,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: UTILITY/PICKUP REPLACEMENTS

Project Priority: Priority 3

Project Code: HPWSE1

Project Type: REPLACEMENT

Start Date (FYE): 2010

Department: 972043

Status: Active

Completion Date (FYE): 2014

Description:

Replacement Vehicles 1) Utility maintenance
vehicle Resource Recovery Plant.

392 02 FORD VAN 2014 301 94 CHEV 2011
315 98 FORD 2011 302 06 CHEV 2014
390 99 FORD 2010 305 99 FORD 2010

Explanation:

Vehicles used for maintenance and servicing citizens, special pick up
responding to emergency calls after regular hours and checking
progress of field crews, transporting crews from one place to another
used for sanitation department.

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Alternative:

None

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment		\$50,000			\$55,000			\$105,000
Other Expenses								
Total		\$50,000			\$55,000			\$105,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue		\$50,000			\$55,000			\$105,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$50,000			\$55,000			\$105,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2011 thru FY2015
Project Request Form

Project Title: JMU CHILLERS

Project Priority: Priority 2

Project Code: PWJMUC

Department: 972043

Project Type: REPLACEMENT

Status: Active

Start Date (FYE): ONGOING

Completion Date (FYE): ONGOING

Description:

RRP CHILLERS - JMU 100%

Explanation:

Chillers for chill water to CISAT
1 - Steam driven chillers 1,000 tons
2 - Steam driven chillers 1,000 tons
3 - Steam driven chillers 1,000 tons
4 - Steam driven chillers 1,500 tons

Alternative:

None

Justifications:

- ☒ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction	\$1,400,000							\$1,400,000
Equipment				\$100,000	\$100,000		\$500,000	\$700,000
Other Expenses								
Total	\$1,400,000			\$100,000	\$100,000		\$500,000	\$2,100,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue	\$1,400,000			\$100,000	\$100,000		\$500,000	\$2,100,000
Total	\$1,400,000			\$100,000	\$100,000		\$500,000	\$2,100,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2011 thru FY2015
Project Request Form

Project Title: RRF GAS BOILER UPDATES

Project Priority: Priority 2

Project Code: PWSGB

Project Type: REPLACEMENT

Start Date (FYE): 2010

Department: 972043

Status: Active

Completion Date (FYE): beyond

Description:

RRP gas boiler, cooling towers, water system, controls, building upgrades. JMU - 100%

Explanation:

Equipment replacement

Alternative:

NONE

Justifications:

- ☒ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment		\$160,000	\$160,000	\$160,000	\$160,000		\$4,200,000	\$4,840,000
Other Expenses								
Total		\$160,000	\$160,000	\$160,000	\$160,000		\$4,200,000	\$4,840,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue		\$160,000	\$160,000	\$160,000	\$160,000		\$4,200,000	\$4,840,000
Total		\$160,000	\$160,000	\$160,000	\$160,000		\$4,200,000	\$4,840,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: CITY LANDFILL CLOSURE & MONITORING 910142-48681

Project Priority: Priority 1

Project Code: PWSLCBG

Project Type: ADDITION

Department: 972043

Status: Active

Start Date (FYE): 2010

Completion Date (FYE): beyond

Description:

Cost of closing, maintenance and monitoring of landfill per DEQ regulations.

(A) Annual monitoring/testing and engineering costs. Gas and groundwater
(B) Groundwater infrastructure

Explanation:

DEQ regulations require program for closing existing landfill and monitoring groundwater and gas generation for 30 year period. Program starting in 1998-1999

Alternative:

Justifications:

- ☒ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning		\$80,000	\$80,000	\$80,000	\$80,000	\$80,000		\$400,000
Land								
Construction	\$44,000	\$50,000	\$50,000					\$144,000
Equipment								
Other Expenses			\$90,000				\$1,403,600	\$1,493,600
Total	\$44,000	\$130,000	\$220,000	\$80,000	\$80,000	\$80,000	\$1,403,600	\$2,037,600
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue	\$44,000	\$130,000	\$220,000	\$80,000	\$80,000	\$80,000	\$1,403,600	\$2,037,600
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total	\$44,000	\$130,000	\$220,000	\$80,000	\$80,000	\$80,000	\$1,403,600	\$2,037,600
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2011 thru FY2015
Project Request Form

Project Title: RECYCLING EQUIPMENT

Project Priority: Priority 3

Project Code: PWSRCBG

Department: 972043

Project Type: ADDITION

Status: Active

Start Date (FYE): 2010

Completion Date (FYE): beyond

Description:

Recycling sorting building, Beery Road
Ag-Bag Composting system 2010

Explanation:

Improvement to material handling equipment recycling operation volume and reduce landfill.
Improvement to building and storage area unloading bin and conveying system. Balers for marketing
Improvement storage trailers.

Reduce impact on landfill space while producing a marketable product

Alternative:

Develop new solid waste sorting plant and management plan.
Develop Transfer Sorting Facility PWSTSF
Privatize

Cancel recycling program or reduce program, which may impact landfill

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☒ Improves service
- ☒ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction							\$100,000	\$100,000
Equipment		\$30,000		\$30,000				\$60,000
Other Expenses								
Total		\$30,000		\$30,000			\$100,000	\$160,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue							\$100,000	\$100,000
Enterprise Revenue								
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total							\$100,000	\$100,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2011 thru FY2015
Project Request Form

Project Title: SKID LOADER
Project Priority: Priority 3
Project Code: PWSRCE2 **Project Type:** REPLACEMENT
Department: 972043 **Status:** Active **Start Date (FYE):** 2012
Completion Date (FYE): 2015

Description:

Replacement skid loaders forklift schedule

376 94 743 BC 2012
377 99 753 BC 2012

Explanation:

Used to transport recyclable materials to and from baling process.

Alternative:

Stop recycling
Privatize

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☒ Improves service
- ☐ New service
- ☒ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment			\$70,000			\$80,000		\$150,000
Other Expenses								
Total			\$70,000			\$80,000		\$150,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue			\$70,000			\$80,000		\$150,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total			\$70,000			\$80,000		\$150,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2011 thru FY2015
Project Request Form

Project Title: TRANSFER TRUCK STEAM PLANT

Project Priority: Priority 2

Project Code: PWSSPE1

Project Type: REPLACEMENT

Start Date (FYE): 2010

Department: 972043

Status: Active

Completion Date (FYE): beyond

Description:

Transfer truck for hauling ashes to county landfill, hauling county landfill trash and waste chips to R.R.P.
393 00 Int 2011
391 08 Mack 2014

Explanation:

Transport trucks for hauling ashes, waste, chips, recycling

Alternative:

Hire private contractor

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment	\$128,586	\$160,000		\$190,000			\$190,000	\$668,586
Other Expenses								
Total	\$128,586	\$160,000		\$190,000			\$190,000	\$668,586
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue	\$128,586	\$160,000		\$190,000			\$190,000	\$668,586
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total	\$128,586	\$160,000		\$190,000			\$190,000	\$668,586
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: RRF SYSTEMS REPLACEMENT & IMPROVEMENT PROGRAM

Project Priority: Priority 2

Project Code: PWSSPE5

Project Type: REPLACEMENT

Start Date (FYE): 2011

Department: 972043

Status: Active

Completion Date (FYE): 2015

Description:

R&R firebrick, loader chute, ash conveyor, fluidized bed grates, drop off chute, fire tubes, under carriage, hydraulic system, bag house, economizer, pollution control systems, new water softening system, exhaust stack for units #1 and #2, lime and carbon storage tanks, computer control systems, hard surface tipping floors and ash areas

Explanation:

machinery in plant replaced 2004. has a life expectancy of 15 to 20 years. (Major equipment repair and replacement 2009-2010. Total plant replacement 2020-2021.

Alternative:

Landfill or privatize

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$2,000,000	\$2,500,000
Land								
Construction						\$20,000,000		\$20,000,000
Equipment		\$1,000,000	\$2,000,000	\$3,000,000	\$2,000,000	\$2,000,000		\$10,000,000
Other Expenses								
Total		\$1,100,000	\$2,100,000	\$3,100,000	\$2,100,000	\$22,100,000	\$2,000,000	\$32,500,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$500,000
Enterprise Revenue								
Bond Proceeds		\$1,000,000	\$2,000,000	\$3,000,000	\$2,000,000	\$22,000,000		\$30,000,000
Grants								
Capital Project Fund								
Other Revenue								
Total		\$1,100,000	\$2,100,000	\$3,100,000	\$2,100,000	\$22,100,000		\$30,500,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating			\$79,672	\$239,017	\$478,035	\$637,380	\$47,861,223	\$49,295,327
Capital								
Offsets								
Total			\$79,672	\$239,017	\$478,035	\$637,380	\$47,861,223	\$49,295,327



Capital Improvement Program FY2011 thru FY2015 Project Request Form

Project Title: SUPPORT EQUIPMENT RRF (ROLLING STOCK)
Project Priority: Priority 2
Project Code: PWSSPE8 **Project Type:** REPLACEMENT **Start Date (FYE):** 2011
Department: 972043 **Status:** Active **Completion Date (FYE):** 2014

Description:

Shredder, backhoe and forklift
 Shredder replace 2010
 Frontend Loader replace 2013
 Grapple Loader replace 2012

Explanation:

Equipment needed to operate RRF

Alternative:

Shut down RRF or privatize

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment		\$500,000		\$200,000	\$150,000			\$850,000
Other Expenses								
Total		\$500,000		\$200,000	\$150,000			\$850,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue		\$500,000		\$200,000	\$150,000			\$850,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$500,000		\$200,000	\$150,000			\$850,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program
FY2011 thru FY2015
Project Request Form

Project Title: TRANSFER SORTING FACILITY

Project Priority: Priority 2

Project Code: PWSTSF

Project Type: NEW

Start Date (FYE): 2011

Department: 972043

Status: Active

Completion Date (FYE): 2011

Description:

C & D Landfill & Transfer Station for scaling refuse. Cost includes equipment, property for development near county landfill. Current Rockingham County Landfill capital cost should be utilized to offset this capital expense. Minimal increase in operational expense should be offset by tipping fees at transfer station.

Explanation:

Development and operation of these sites will alleviate dependency on the County Landfill.

Alternative:

1. Continue paying capital costs with Rockingham County Landfill
2. Pay tipping fee's at Rockingham County or other landfills

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☒ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning			\$1,500,000					\$1,500,000
Land			\$1,500,000					\$1,500,000
Construction			\$10,500,000					\$10,500,000
Equipment								
Other Expenses								
Total			\$13,500,000					\$13,500,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue								
Bond Proceeds			\$13,500,000					\$13,500,000
Grants								
Capital Project Fund								
Other Revenue								
Total			\$13,500,000					\$13,500,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating				\$1,075,578	\$1,075,578	\$1,075,578	\$18,284,832	\$21,511,566
Capital								
Offsets								
Total				\$1,075,578	\$1,075,578	\$1,075,578	\$18,284,832	\$21,511,566